

K35R1883

PTO/SB/01A (10-01)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)**Title of Invention**MAGNETIC HEAD FOR PERPENDICULAR RECORDING WITH MAGNETIC LOOP PROVIDING
NON-PERPENDICULAR WRITE FIELD

As the below named inventor(s), I/we declare that:

This declaration is directed to:

The attached application, or
 Application No. _____, filed on _____,
 as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

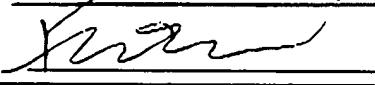
I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor one:

FRANCIS H. LIU

Signature: 

Citizen of: USA

Inventor two:

YUGANG WANG

Signature: _____

Citizen of: USA

Inventor three:

KROUM S. STOEV

Signature: _____

Citizen of: BULGARIA

Inventor four:

Signature: _____

Citizen of: _____

 Additional inventors are being named on

additional form(s) attached hereto.

Burden Hour Statement: This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is used by the public to file (and the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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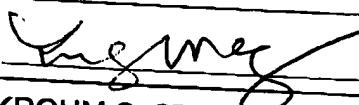
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FULL NAME OF INVENTOR(S)Inventor one: FRANCIS H. LIU

Signature: _____

Citizen of: USAInventor two: YUGANG WANGSignature: Citizen of: USAInventor three: KROUM S. STOEV

Signature: _____

Citizen of: BULGARIA

Inventor four: _____

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Citizen of: _____

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FULL NAME OF INVENTOR(S)Inventor one: FRANCIS H. LIUSignature: _____ Citizen of: USAInventor two: YUGANG WANGSignature: _____ Citizen of: USAInventor three: KROUM S. STOEVSignature: Kroum Stoev Citizen of: BULGARIA

Inventor four: _____

Signature: _____ Citizen of: _____

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PTO/SB/81 (10-00)

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**POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT**

Application Number	UNKNOWN
Filing Date	HEREWITH
First Named Inventor	FRANCIS H. LIU
Group Art Unit	UNKNOWN
Examiner Name	UNKNOWN
Attorney Docket Number	K35R1883

I hereby appoint:

 Practitioners at Customer Number

38214

OR

 Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

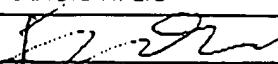
 The above-mentioned Customer Number.

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
Address			
City	State	Zip	
Country			
Telephone	Fax		

I am the:

 Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).**SIGNATURE of Applicant or Assignee of Record**

Name	FRANCIS H. LIU
Signature	
Date	11/25/03

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

 Total of 3 forms are submitted.

Burden Hour Statement This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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PTO/SB/81 (10-00)

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First Named Inventor	FRANCIS H. LIU
Group Art Unit	UNKNOWN
Examiner Name	UNKNOWN
Attorney Docket Number	K35R1883

I hereby appoint:

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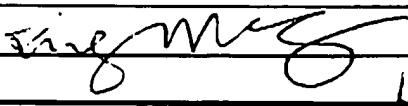
<input type="checkbox"/> Firm or Individual Name			
Address			
Address			
City	State	Zip	
Country			
Telephone	Fax		

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Assignee of record of the entire interest. See 37 CFR 3.71.
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SIGNATURE of Applicant or Assignee of Record

Name	YUGANG WANG		
Signature			
Date	11/05/03		

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SIGNATURE of Applicant or Assignee of Record

Name	KROUM S. STOEV		
Signature	<i>Kroum Stoev</i>		
Date	11/25/03		

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